MATERIAL SAFETY DATA SHEET FOR

Organic Tea Tree Oil
Melaleuca Alternifolia, Product Reference OR018
EINECS CAS 85085-48-9 USA CAS 68647-73-4

1. CHEMICAL COMPOSITION: INCLUDING HAZARDOUS COMPONENTS:
This Essential Oil is steam distilled from the leaves of the Melaleuca Alternifolia. The principal constituent is Terpinen-4-ol and Cineole.
The oil is classified as hazardous.

2. HAZARDOUS IDENTIFICATION:
This product is required to be labelled according to the regulation 96/54/EC governing hazardous substances. The hydrocarbon content ranges between 35-45%.

3. FIRST AID PROCEDURES:
Skin Contact: Rinse with running water. Remove contaminated clothing.
Eye Contact: Rinse with sterile water or an approved eyewash solution for 15 minutes.
Inhalation: Move to fresh air and rest.
Ingestion: If swallowed do not induce vomiting, seek medical advice and show the label or container.

4. FIRE FIGHTING PROCEDURES:
Suitable Extinguishers: Normal extinguishers can be used (CO2, powders, foams, halogens).
Unsuitable Extinguishers: Direct water jet.

5. ACCIDENTAL RELEASE PROCEDURES:
Safety Clothing: Wear clothing suitable for an emergency.
Environmental Precautions: Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure: Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

6. HANDLING & STORAGE PROCEDURES:
Handling: Avoid spillage and eye contact (gloves and goggles recommended).
Ventilation: Good general ventilation required.
Storage Conditions: Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in full containers; Stainless Steel for bulk or glass for small quantities.

7. EXPOSURE CONTROL/PERSONAL PROTECTION:
Respiratory: Use only in well ventilated areas. Use protection in poor ventilation.
Hand Protection: Wear gloves.
Eye Protection: Wear goggles
Skin Protection: Wear suitable protection clothing

8. PHYSICAL & CHEMICAL PROPERTIES:
Appearance: Mobile Liquid.
Odour: Medicated.
Colour: Water White.
Solubility:  a. Solvent – Soluble  
b. Alcohol – Soluble 
c. Water – Insoluble  
Boiling Point:  Not reported.  
Flash Point:  56°C.  
Specific Gravity:  $20^\circ C$ 0.885 – 0.906.  
Vapour Pressure mm:  Not reported.  

9. REACTIVITY & STABILITY:  
The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidization and may start to deteriorate after twelve months.  

Synergistic Reaction:  Not reported.  
Materials to avoid:  Oxidizing agents.  
Polymerisation Hazard:  None.  

10. TOXICOLOGICAL INFORMATION:  
Hazardous Effects  
Inhalation:  Hazardous.  
Skin Contact:  Concentrated oil can cause skin degreasing with some irritation.  
Eye Contact:  Irritant.  
Ingestion:  Hazardous.  

11. ECOLOGICAL DATA  
This is a degradable product, however, do not release directly into the environment.  

12. DISPOSAL METHODS:  
Recover the product where possible or bury in authorised landfill sites according to local authority regulations.  

13. TRANSPORT REGULATIONS:  
Proper Shipping Name:  Extracts, Aromatic, Liquid  
IMDG Class:  3  
Packing Group  III  
UN No.  1169  

14. REGULATORY INFORMATION:  
Labels for Conveyance:  Xn R10  

15. FURTHER INFORMATION:  
Whilst Absolute Aromas Ltd gives the above advice in good faith, it is not intended to be a substitute for customers own testing to ascertain good safety procedures.  
These regulations were designed for handling bulk products and to readily identify Toxic & Safety Data.  
Safety information is under continuous review.